Amendments to the Claims:

Please amend claims 1, 4, 5 and 8-10 and add claims 11-14 as shown in the following listing of claims. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) Inductive-system ~~comprising~~ comprising:

a first part in the form of a spiral printed coil comprising a number of turns defined by at least one track width and at least one turn spacing; and

a second part in the form of an air coil comprising a further number of turns defined by at least one wire diameter and at least one coil ~~diameter~~ diameter,

~~which~~ wherein the printed coil and ~~which non-printed coil~~ the air coil are coupled serially, wherein a total inductance of the ~~inductive system~~ inductive-system is substantially equal to an inductance of the printed coil plus an inductance of the air coil plus a mutual inductance ~~which~~ that is determined based on a turning direction of said printed coil, a direction of winding of said air coil and a length of said air coil.

2. (canceled)

3. (canceled)

4. (currently amended) Inductive-system as defined in claim 1, wherein the mutual inductance ~~increasing~~ increases with the length of the air coil until a maximum overlapping area between the printed coil and the air coil has been reached.

5. (currently amended) Inductive-system as defined in claim 1, wherein the number of turns are further defined by a diameter of a center path and ~~a turning direction with~~ the turning direction of said printed coil and the further number of turns ~~being~~ is further defined by ~~a turning orientation~~ the direction of winding of said air coil.

6. (previously presented) Inductive-system as defined in claim 1, wherein one end of the non-printed coil is coupled to a center end of the printed coil, with the other end of the non-printed coil and an outer end of the printed coil constituting ends of the inductive-system .

7. (previously presented) Inductive-system as defined in claim 1, wherein the printed coil is printed on an inner or an outer layer of a printed circuit board.

8. (currently amended) Printed circuit board ~~which comprises~~ comprising an ~~inductive system comprising~~ inductive-system, the inductive-system comprises:

a first part in the form of a spiral printed coil comprising a number of turns defined by at least one track width and at least one turn spacing; and

a second part in the form of an air ~~coil~~ coil,

~~which~~ wherein the printed coil and ~~which non-printed coil~~ the air coil are coupled serially, ~~and which~~ wherein the printed coil is printed on an inner or outer layer of the printed circuit board, wherein a total inductance of the ~~inductive system~~ inductive-system is substantially equal to an inductance of the printed coil plus an inductance of the air coil plus a mutual inductance ~~which~~ that is determined based on a turning direction of said printed coil, a direction of winding of said air coil and a length of said air coil.

9. (currently amended) Tuner ~~which comprises~~ comprising a filter with an inductive-system ~~comprising~~, the inductive-system comprises:

a first part in the form of a spiral printed coil comprising a number of turns defined by at least one track width and at least one turn spacing ~~and~~; and

a second part in the form of ~~a non-printed coil~~ an air coil,

~~which~~ wherein the printed coil and ~~which non-printed coil~~ the air coil are coupled serially, wherein a total inductance of the ~~inductive system~~ inductive-system is substantially equal to an inductance of the printed coil plus an inductance of the air coil plus a mutual inductance ~~which~~ that is determined based on a turning direction of said printed coil, a direction of winding of said air coil and a length of said air coil.

10. (currently amended) Method for producing an inductive-system comprising the steps ~~of~~ of:

producing a first part in the form of a spiral printed coil comprising a number of turns defined by at least one track width and at least one turn ~~spacing~~ spacing;

producing a second part in the form of ~~a non-printed coil~~ an air coil; and

coupling the printed coil and the ~~non-printed~~ air coil, said printed ~~circuit~~ coil and said ~~non-printed~~ air coil being connected in series and having an inductance being a combination of an inductance of each of said printed ~~circuit~~ coil and said ~~non-printed~~ air coil and a mutual inductance therebetween, wherein said mutual inductance is determined based on a turning direction of said printed coil, a direction of winding of said air coil and a length of said air coil.

11. (new) Inductive-system as defined in claim 1, wherein the turning direction of the printed coil is clockwise and the direction of winding of the air coil is right turn.

12. (new) Inductive-system as defined in claim 1, wherein the turning direction of the printed coil is clockwise and the direction of winding of the air coil is left turn.

13. (new) Inductive-system as defined in claim 1, wherein the turning direction of the printed coil is counterclockwise and the direction of winding of the air coil is right turn.

14. (new) Inductive-system as defined in claim 1, wherein the turning direction of the printed coil is counterclockwise and the direction of winding of the air coil is left turn.